Abstract

A computer network comprising a plurality of nodes, each coupled to a DTE device comprising a computing system and a remotely located human interface, which includes a display and at least one I/O device. The DTE device computing systems are commonly located. Each DTE device includes an encoder coupled to the computing system, a decoder coupled to the display and the at least one I/O device, and a transmission line coupling the encoder and the decoder. The encoder receives, from the computing system, a video signal for transmission to the display and a non-video signal for transmission to the at least one I/O device, encodes the video and the non-video signals, and transmits the encoded signals to the decoder via the transmission line. The decoder receives the encoded signals, and decodes the video and non-video signals therefrom for respective propagation to the display and the at least one I/O device.